

Inventors: Zapata and Reed  
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A3 46. (Amended) A therapeutic composition comprising an isolated anti-TPBD antibody having specific reactivity with a TPBD amino acid sequence selected from the group consisting of SEQ ID NOS:8, 12, 19, 20, 21, 22, 23, 24 and 25; and a pharmaceutically acceptable carrier.

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68. (Amended) An isolated anti-TPBD antibody having specific reactivity with a TRAF protein binding site of a TPBD amino acid sequence selected from the group consisting of SEQ ID NOS:8, 12, 19, 20, 21, 22, 23, 24 and 25.

69. (Amended) An isolated anti-TPBD antibody having specific reactivity with a TPBD amino acid sequence selected from the group consisting of SEQ ID NOS:8, 12, 19, 20, 21, 22, 23, 24 and 25, wherein said antibody modulates the association of a TPBD with a TNF family receptor, TRAF protein or a TRAF-associated protein.

A4 70. (Amended) The isolated anti-TPBD antibody of claim 69, wherein said TNF family receptor is TNF-R2, said TRAF protein is human TRAF6 and said TRAF-associated protein is I-TRAF.

71. (Amended) The isolated anti-TPBD antibody of claim 69, wherein said TNF family receptor is CD40, said TRAF protein is human TRAF2 and said TRAF-associated protein is I-TRAF.

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A4 72. (Amended) The isolated anti-TPBD antibody of claim 69, wherein said antibody inhibits the association of said TPBD with said TNF family receptor, TRAF protein or a TRAF-associated protein.

73. (Amended) The isolated anti-TPBD antibody of claim 69, wherein said antibody increases the association of said TPBD with said TNF family receptor, TRAF protein or a TRAF-associated protein.

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[Please add new claims 74 to 83:]

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--74. (New) The isolated anti-TPBD antibody of claim 8, wherein said antibody has specific reactivity with a TPBD amino acid sequence selected from the group consisting of SEQ ID NOS:20, 21 and 22.

AS 75. (New) An isolated anti-TPBD antibody having specific reactivity with a TPBD amino acid sequence selected from the group consisting of SEQ ID NOS:8, 12, 23, 24 and 25.

76. (New) The isolated anti-TPBD antibody of claim 75, wherein said antibody has specific reactivity with SEQ ID NO:8.

77. (New) The isolated anti-TPBD antibody of claim 75, wherein said antibody has specific reactivity with SEQ ID NO:12.

78. (New) The isolated anti-TPBD antibody of claim 75, wherein said antibody has specific reactivity with SEQ ID NO:23.